

PI 560333. *Medicago sativa* subsp. *falcata* (L.) Arcang. FABACEAE  
Alfalfa

**Donated by:** Bingham, E.T., Wisconsin Agr. Exp. Sta., University of Wisconsin, Madison, Wisconsin 53706-1597, United States. **remarks:** WISFAL Alfalfa. Received March 24, 1992.

**origin:** United States. **developed:** E.T. Bingham. **origin institute:** Wisconsin Agr. Exp. Sta., University of Wisconsin, 1575 Linden Drive, Madison, Wisconsin 53706-1597 United States. **cultivar:** WISFAL. **pedigree:** Tetraploid derived from 20 *M. falcata* using 2n eggs in 2x-4x crosses. **other id:** 4x WISFAL-1. **other id:** WISFAL-T88. **other id:** GP-259. **group:** CSR-ALFALFA. **other id:** W6 7209. **group:** W6. **restricted:** CSR. **remarks:** Robust vegetatively and fertile in intrastrain or interstrain crosses with cultivated alfalfa *M. sativa*. Thus unrestricted gene flow from WISFAL to any desired cultivated tetraploid cultivar, strain or population. Typical of diploid *M. falcata* PI gp adapted to the North Central USA. Fall dormant. Broad based *M. falcata* synthetic and good source of genetic variation in plant morphology, and in reactions to disease and insect pests. Perennial. Breeding Material. Seed.

PI 560334. *Triticum aestivum* L., nom. cons. POACEAE Common wheat

**Donated by:** Sadasivaiah, R.S., Lethbridge Res. Sta.- Agriculture Canada, P.O. Box 3000, Main, Lethbridge, Alberta T1J 4B1, Canada. **remarks:** AC Reed Soft White Spring Wheat. Received March 24, 1992.

**origin:** Canada. **developed:** R.S. Sadasivaiah, J.B. Thomas, R.L. Conner. **origin institute:** Lethbridge Res. Sta.- Agriculture Canada, P.O. Box 3000, Main, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** AC REED. **pedigree:** Developed from a single plant selection made in F4 bulk of PT303/Dirkwin//Kenya 321/Fieldwin. **other id:** SWS-87. **other id:** CV-786. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Semi-dwarf bearded wheat, 74cm. Yield high. Maturity early, 107 days. Lodging resistance good. Spikes oblong to tapering, middense, midlong, erect to seminodding, glabrous, and white at maturity. Shattering resistance moderate. Kernels soft, creamy white, midesize, midlong, midwide and ovate. Resist. to stripe rust (*Puccinia striiformis*). Moderately resistant to powdery mildew (*Erysiphe graminis*) and sprouting. Has good milling & cookie baking qualities. Adapted to irrigated regions of southern Alberta and Saskatchewan. Spring Annual. Cultivar. Seed.